RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____10/525, 180 A_____

Source: _____IFWO_____

Date Processed by STIC: _____04/05/2007_____

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: _10/525,180A_   CRF Edit Date: _4/12/2007_

Edited by: _DA_

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence
text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID
NO's edited:

_____

__✓__ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

_____

____ Moved responses to same line as heading/numeric identifier, specifically:

_____

____ Other:

_____
_____
_____

IFWO

RAW SEQUENCE LISTING   DATE: 04/12/2007
PATENT APPLICATION: **US/10/525,180A**   TIME: 15:12:35

Input Set : **N:\DA\PTO.DA.txt**
Output Set: **N:\CRF4\04122007\J525180A.raw**

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 3 <110> APPLICANT: Charite Universitatsmedizin Berlin
 5 <120> TITLE OF INVENTION: IMMUNE MARKERS USED FOR DISGNOSIS AND THERAPY IN CONNECTION
 6       WITH TRANSPLANT REACTIONS
 8 <130> FILE REFERENCE: P153902PC-La
10 <140> CURRENT APPLICATION NUMBER: US/10/525,180A
11 <141> CURRENT FILING DATE: 2005-02-22
13 <150> PRIOR APPLICATION NUMBER: PCT/EP03/09355
14 <151> PRIOR FILING DATE: 2003-08-22
16 <160> NUMBER OF SEQ ID NOS: 8
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 101
22 <212> TYPE: DNA
23 <213> ORGANISM: Rattus rattus
25 <400> SEQUENCE: 1
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27 tttagtttat gtgggggttt agttatgttg gttggttgta g                       101
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 299
32 <212> TYPE: DNA
33 <213> ORGANISM: Rattus rattus
35 <400> SEQUENCE: 2
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37 agagctgacc aaatctggct ccatggagca cacagaggct ttgatcaggg acagtaatcc 120
38 tctgcaacat caggaatggc tgaatgcaca ggatttacca agcctcagcc aaagcatccc  180
39 gtggcctgat gtctcggagc aaccctgtcc acacgaggaa aggtcaggcc tgctcaacat 240
40 gaccaagatt gctcaaggag ggcgcaaact caggaagagc cggggccctg cttgggtag       299
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44 <211> LENGTH: 560
45 <212> TYPE: DNA
46 <213> ORGANISM: Rattus rattus
49 <400> SEQUENCE: 3
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54 gaacaaatca aaaacaatgt ttaaattgga tggatacaca cgacagagaa gtcactgagt 180
55 tctctaaatg agcacacaac ttataggtgt atattaactg cacaaagtat ccaaaacatg 240
56 tttgtaacac aaaatcgggt gctactttaa ctgctcacct ttaagggcgt ggatcataca 300
57 tgtaagtcaa attgcacagc tttgttggaa atgaatgact cgtcatctat ttggagactt 360
58 ccgttgctta aaattgacac aaaagcctaa tcaattacgc tactataaaa tttgtctctt 420
59 atctcgttta aattttttggt gttctgtgat ctggcattaa aaaacagtcc aagttttaaa 480
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61 accggaacaa acgctacagt 560
63 <210> SEQ ID NO: 4
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RAW SEQUENCE LISTING   DATE: 04/12/2007
PATENT APPLICATION: US/10/525,180A   TIME: 15:12:35

Input Set : N:\DA\PTO.DA.txt
Output Set: N:\CRF4\04122007\J525180A.raw

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 65 <212> TYPE: DNA
 66 <213> ORGANISM: Rattus rattus
 68 <400> SEQUENCE: 4
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 70 aaccagttct acccggtttg ttttgaatgc ttaaattatg taatttaaat agataatctt 120
 71 tacttatgta ggtctttgg aaataacttt ataaatttaa cacagaggac tactactaaa 180
 72 cgtgagaggt atgataatcg gcatggaagt tgggctggtt gaccaccaaa gttcaattct 240
 73 taaagacatc ttaatcctga atataaaaat gcctttgtgg gtttagaatt agaatttaat 300
 74 tttggcattt   310
 77 <210> SEQ ID NO: 5
 78 <211> LENGTH: 136
 79 <212> TYPE: DNA
 80 <213> ORGANISM: Rattus rattus
 82 <400> SEQUENCE: 5
 83 actgcatgat gggttttatt gagaccaggg gacagtgtga cactcagggg ttttccttca 60
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 88 <210> SEQ ID NO: 6
 89 <211> LENGTH: 347
 90 <212> TYPE: DNA
 91 <213> ORGANISM: Rattus rattus
 93 <400> SEQUENCE: 6
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 95 gcatctcttc tagtttgagt gatgatgtaa tgaggaaaat ctagtaggta gaaagagttc 120
 96 aggaagaagg aaaccctcct ctgcctttga aaagaggctc tgcaggagca tcacgccctt 180
 97 cacagagaag agtgtagact ggctttccac tagtgttgaa cctacactct tcggtgggtt 240
 98 aacagtcatg tgctcgccat cagagccttt ttgcatgcag tggtgggctc tcccggttta          300
 99 tcccacctcc cacaggtgat taaaccacag ccctgtaaaa aaaaaaa 347
102 <210> SEQ ID NO: 7
103 <211> LENGTH: 513
104 <212> TYPE: DNA
105 <213> ORGANISM: Rattus rattus
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110 aaaaggattg tgtgtgccat gtggcttttg acccgtgcta ttataaatgt tgccataaat 180
111 actctctata agaaacagtc cttaagtaga tttggtggca cacatcttta atcccagcac 240
112 ttgggaagca gagacaggtg gatctctgtg agtttaagac caacctggtc tataaagtga 300
113 gttccaggac agccagggtt gttaaacata gagaaactct ggggcgatgg ggaggggtct 360
114 cgtcaaacat gaaatttatt agaaaattgg tcggattaag ctatgtctag tatcaactaa 420
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118 <210> SEQ ID NO: 8
119 <211> LENGTH: 313
120 <212> TYPE: DNA
121 <213> ORGANISM: Rattus rattus
123 <400> SEQUENCE: 8
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RAW SEQUENCE LISTING   DATE: 04/12/2007
PATENT APPLICATION: **US/10/525,180A**   TIME: 15:12:35

Input Set : **N:\DA\PTO.DA.txt**
Output Set: **N:\CRF4\04122007\J525180A.raw**

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125 ggttctcctt cccctattcc cagatgcagg tggaagcctc cctctagtcc ttccccctaa 120
126 ccgcgacgaa gaccttggct aacacttgct cctttcgcac accatagaaa atgcagtgca 180
127 gacaaacaca gcctcgtcag gcgcttgagg agcgaagtcc aatctgggtc ggcacctgca 240
128 ccaggtcttt gcgcacctgg tcagaagacc ggcacccaat agttgcttat taaactctac 300
129 gtttgtcccg aaa                                             313
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VERIFICATION SUMMARY   DATE: 04/12/2007
PATENT APPLICATION: **US/10/525,180A**   TIME: 15:12:36

Input Set : **N:\DA\PTO.DA.txt**
Output Set: **N:\CRF4\04122007\J525180A.raw**

Raw Sequence Listing before editing
(for reference only)

IFWO

RAW SEQUENCE LISTING   DATE: 04/05/2007
PATENT APPLICATION: **US/10/525,180A**   TIME: 09:53:13

Input Set : **N:\DA\PTO.DA.txt**
Output Set: **N:\CRF4\04052007\J525180A.raw**

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 3 <110> APPLICANT: Charite Universitatsmedizin Berlin
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 6       WITH TRANSPLANT REACTIONS
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14 <151> PRIOR FILING DATE: 2003-08-22
16 <160> NUMBER OF SEQ ID NOS: 8
18 <170> SOFTWARE: Patentln Ver. 2.1
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Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

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118 <210> SEQ ID NO: 8
119 <211> LENGTH: 313
120 <212> TYPE: DNA
121 <213> ORGANISM: Rattus rattus
123 <400> SEQUENCE: 8
124 aggctagggc tagttctgcg gaccctctcg gagagaggaa taaggttgaa ctgcctgtcc 60
125 ggttctcctt cccctattcc cagatgcagg tggaagcctc cctctagtcc ttcccccctaa 120
126 ccgcgacgaa gaccttggct aacacttgct cctttcgcac accatagaaa atgcagtgca 180
127 gacaaacaca gcctcgtcag gcgcttgagg agcgaagtcc aatctgggtc ggcacctgca 240
128 ccaggtcttt gcgcacctgg tcagaagacc ggcacccaat agttgcttat taaactctac 300
129 gtttgtcccg aaa                                              313
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E--> 130

VERIFICATION SUMMARY   DATE: 04/05/2007
PATENT APPLICATION: **US/10/525,180A**   TIME: 09:53:14

Input Set : **N:\DA\PTO.DA.txt**
Output Set: **N:\CRF4\04052007\J525180A.raw**

L:130 M:254 E: **No.** of Bases conflict, this line has no nucleotides.